

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Herbert Campbell

GENERAL INFORMATION:

Name:	Kentucky Utilities Company, Haefling Generating Station
Address:	1555 Baumann Road, Lexington, Kentucky 40507
Date application received:	10/02/2007
SIC Code/SIC description:	4911, Electric Generation
Source ID:	21-067-00067
Agency Interest:	37979
Activity:	APE20070001
Permit:	V-07-043

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM <sub>10</sub>	26.4	26.4
SO <sub>2</sub>	11.3	11.3
NO <sub>x</sub>	1278	1278
CO	327	327
VOC	8.4	8.4
	NA	NA
Single HAPs	<10.0	<10.0
Source wide HAPs		

SOURCE DESCRIPTION:

Kentucky Utilities wishes to renew the Title V permit for the Haepling Peaking Power Station. This facility contains three natural gas turbines that operate as “peaking” power generators.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

N/A

OPERATIONAL FLEXIBILITY:

N/A